

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"elastic data structure" and "elastic difference"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 10:19
S2	4	"elastic data structure"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/26 15:36
S3	20	"elastic difference"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/26 15:37
S4	2	("6209201").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/01 11:57
S5	2	("5148520").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/01 11:57
S6	2	("5467102").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/10 09:09
S7	2	("5777611").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/10 09:09
S8	2	("6266113").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/10 09:09
S9	7955	((("715"/\$))!.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 07:38

S10	19651589	((("715"/\$)!ccls.)) ans @ad<="20000926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:43
S11	5696	((("715"/\$)!ccls.)) and @ad<="20000926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 07:41
S12	0	((("715"/\$)!ccls.)) and @ad<="20000926") and size and (elastic near propt\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 07:43
S13	12	((("715"/\$)!ccls.)) and @ad<="20000926") and size and elastic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 07:56
S14	8210	size and (elastic near propt\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 07:57
S15	2	(size and (elastic near propt\$4)) and (subtract\$5 near3 size) and (first near size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 07:58
S16	2	("6667750").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 12:39
S17	3	("6504544").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 12:41
S18	2	("6473093").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 12:43

S19	2	("6380940").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 12:44
S20	2	("6356279").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 12:46
S21	2	("6067604").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 12:46
S22	2	("5896524").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 12:47
S23	2	("6073159").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/26 12:48
S24	0	"elastic data structure" and "elastic difference"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:40
S25	0	(Graphical near bject) and (elastic\$3 adj properties)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:42
S26	0	(Graphi\$4 near bject) and (elastic\$3 adj properties)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:42
S27	0	(Graphi\$4 adj bject) and (elastic\$3 adj properties)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:42

S28	0	(Graphi\$4 adj3 bject) and (elastic\$3 adj properties)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:42
S29	13	(Graphical near object) and (elastic\$3 adj properties)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:42
S30	15	(Graphical near3 object) and (elastic\$3 adj properties)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:43
S31	12	(Graphical adj object) and (elastic\$3 adj properties)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:43
S32	8	S29 and S30 and S31 and @ad<="20000928"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/10 09:44



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1 [Efficient algorithms for 3D scan-conversion of parametric curves, surfaces, and volumes](#)

Arie Kaufman

 August 1987 **ACM SIGGRAPH Computer Graphics , Proceedings of the 14th annual conference on Computer graphics and interactive techniques**, Volume 21 Issue 4

 Full text available: [pdf\(901.14 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Three-dimensional (3D) scan-conversion algorithms, that scan-convert 3D parametric objects into their discrete voxelmap representation within a Cubic Frame Buffer (CFB), are presented. The parametric objects that are studied include Bezier form of cubic parametric curves, bicubic parametric surface patches, and tricubic parametric volumes. The converted objects in discrete 3D space maintain pre-defined application-dependent connectivity and fidelity requirements. The algorithms introduced ...

2 [3D scan-conversion algorithms for voxel-based graphics](#)

Arie Kaufman, Eyal Shimony

 January 1987 **Proceedings of the 1986 workshop on Interactive 3D graphics**

 Full text available: [pdf\(2.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

An assortment of algorithms, termed three-dimensional (3D) scan-conversion algorithms, is presented. These algorithms scan-convert 3D geometric objects into their discrete voxel-map representation within a Cubic Frame Buffer (CFB). The geometric objects that are studied here include three-dimensional lines, polygons (optionally filled), polyhedra (optionally filled), cubic parametric curves, bicubic parametric surface patches, circles (optionally filled), a ...

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